

FORM-PTO-1449  
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
RD-27,768

SERIAL NO.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT  
LIST OF ITEMSApplicant  
Radislav Alexandrovich Potyrailo, et al

Filing Date

Group  
1743PRO  
U.S. 519330  
C682  
09/03/00  
03/06/00

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER		DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MC	AA	4,759,210	7/26/88	Wohltjen			
	AB	5,076,094	12/31/91	Frye, et al			
	AC	5,289,715	3/1/94	Staples, et al			
	AD	5,320,814	6/14/94	Walt, et al			
	AE	5,345,213	9/6/94	Semancik, et al			
	AF	5,411,709	5/2/95	Furuki, et al			
	AG	5,469,369	11/21/95	Rose-Pehrsson, et al			
	AH	5,744,902	4/28/98	Vig			
	AI	5,959,191	9/28/99	Lewis, et al			
	AJ	5,959,297	9/28/99	Weinberg, et al			
MC	AK	5,970,803	10/26/99	Staples, et al			

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
MC	B1	WO 97/32208	9/4/97	PCT			
MC	B2	WO 99/18431	4/15/99	PCT			
MC	B3	WO 96/42011	12/27/96	PCT			

## OTHER INFORMATION (Including Author, Title, Date, Pertinent Pages, etc.)

MC	C1	Sigman, MS; Jacobsen, EN, Schiff Base Catalysts for the Asymmetric Strecker Reaction Identified and Optimized From Parallel Synthetic Libraries, <i>J. Am. Chem. Society</i> , <b>1998</b> , 120, 4901-4902.
	C2	Newcomb, WS, Deegan, TL, Miller, W., Porco, Jr., JA, Analysis of 9-Fluorenylmethoxycarbonyl (FMOC) Loading of Solid-Phase Synthesis resins by Gas Chromatography, <i>Biotechnol. Bioeng. (Comb. Chem.)</i> , <b>1998</b> , 61, 55-60.
	C3	Shaughnessy, KH, Kim, P., Hartwig, JF, A Fluorescence-Based Assay for High-Throughput Screening of Coupling Reactions. Application to heck Chemistry., <i>J. Am. Chem. Society</i> , <b>1999</b> , 121, 2123-2132.
	C4	Newsam, JM, Schuth, F., Combinatorial Approaches As a Component of High-Throughput Experimentation (THE) in Catalysis Research, <i>Biotechnol. Bioeng. (Comb. Chem.)</i> , <b>1998/1999</b> , 61, 203-216.
	C5	Zellers, ET, Park, J., Hsu, T., Groves, WA, Establishing a Limit of Recognition for a Vapor Sensor Array, <i>Anal. Chem.</i> , <b>1998</b> , 70, 4191-4201.
	C6	Hierlemann, A., Schweizer-Berberich, M. Weimar, U., Kraus, G., Pfau, A., Gopel, W., Pattern Recognition and Multicomponent Analysis, <i>In Sensors Update</i> , Vol. 2, <b>1996</b> , 119-180.
	C7	Gardner, JW, Hines, EL, <i>In Handbook of Biosensors and Electronic Noses. Medicine, Food, and the Environment</i> , Pattern Analysis Techniques, <b>1997</b> , 633-652.
	C8	Beebe, KR, Pell, RJ, Seasholtz, BM, <i>Chemometrics: A Practical Guide</i> , Chapter 2, <b>1998</b> , 81-110.
	C9	Park, J., Groves, WA, Zellers, ET, Vapor Recognition With Small Arrays of Polymer-Coated Microsensors. A Comprehensive Analysis, <i>Anal. Chem.</i> <b>1999</b> , 71, 3877-3886.
MC	C10	Michael, KL, Taylor, LC, Schultz, SL, Walt, DR, Randomly Ordered Addressable High-Density Optical Sensor Arrays, <i>Anal. Chem.</i> , <b>1998</b> , 70, 1242-1248.

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		Filing Date	Group 1743

**OTHER INFORMATION** (Including Author, Title, Date, Pertinent Pages, etc.)

MC	C11	Dickinson, TA, Michael, KL, Kauer, JS, Walt, DR, Convergent, Self-Encoded Bead Sensor Arrays in the Design of an Artificial Nose, <i>Anal. Chem.</i> , 1999, 71, 2192-2198.
	C12	Furuki, M., Pu, LS, Hybrid Gas Detector of Squarylium Dye Langmuir-Blodgett Film Deposited on a Quartz Oscillator, <i>Thin Solid Films</i> , 1992, 210/211, 471-473.
	C13	Furuki, M., Pu, LS, Gas Detection By A Multi-Hybrid Sensor With Dye Langmuir-Blodgett Films Deposited on a Quartz Oscillator, <i>Mol. Cryst. Liq. Cryst.</i> , 1993, 227, 325-337.
	C14	Hierlemann, A., Ricco, AJ, Bodenhofer, K. Gopel, W., Effective use of Molecular Recognition in Gas Sensing: Results From Acoustic Wave and In Situ FT-IR Measurements, <i>Anal. Chem.</i> , 1999, 71, 3022-3035.
	C15	Thomas, RC, Hierlemann, A., Staton, AW, Hill, M., Ricco, AJ, Reflectance infrared Spectroscopy On Operating Surface Acoustic Wave Chemical Sensors During Exposure to Gas-Phase Analytes, <i>Anal. Chem.</i> , 1999, 71, 3615-3621.
	C16	Snow, AW, Barger, WR, Klusty, M., Simultaneous Electrical Conductivity and Piezoelectric Mass Measurements On Iodine-Doped Phthalocyanine Langmuir-Blodgett Films, <i>Langmuir</i> , 1986, 2, 513-519.
	C17	Harsanyi, G., Sensor Structures With Sensitive Polymers, <i>Polymer Films in Sensor Applications</i> , Chapter 2, 1995, 53-92.
	C18	Potyrailo, RA, Hobbs, SE, Hieftje, GM, Optical Waveguide Sensors in Analytical Chemistry: Today's Instrumentation, Applications and Trends for Future Development, <i>Anal. Chem.</i> , 1998, 362, 349-373.
	C19	Grate, JW, Abraham, MH, McGill, RA, Sorbent Polymer Materials for Chemical Sensors and Arrays, <i>In Handbook of Biosensors and Electronic Noses. Medicine, Food, and the Environment</i> , 1997, 593-612.
	C20	Kindlund, A. Sundgren, H. Lundstrom, I., Quartz Crystal Gas Monitor With A Gas Concentrating Stage, <i>Sens. Actuators</i> , 1984, 6, 1-17.
	C21	Shaffer, RE, Rose-Pehrsson, SL, McGill, RA, Multiway Analysis of Preconcentrator-Sampled Surface Acoustic Wave Chemical Sensor Array Data, <i>Field Analyt. Chem. Technol.</i> , 1998, 2, 179-192.
	C22	Groves, WA, Zellers, ET, Frye, GC, Analyzing Organic Vapors In Exhaled Breath Using A Surface Acoustic Wave Sensor Array With Preconcentration: Selection and Characterization of the Preconcentrator Absorbent, <i>Anal. Chim. Acta</i> , 1998, 371, 131-143.
	C23	Grate, JW, Rose-Pehrsson, SL, Venezky, DL, Klusty, M., Wohltjen, H., Smart Sensor System For Trace Organophosphorus and Organosulfur Vapor Detection Employing a Temperature-Controlled Array of Surface Acoustic Wave Sensors, Automated Sample Preconcentration, and Pattern Recognition, <i>Anal. Chem.</i> , 1993, 65, 1868-1881.
MC	C24	Groves, WA, Zellers, ET, Prototype Instrument Employing a Microsensor Array for the Analysis of Organic Vapors in Exhaled Breath, <i>Am. Ind. Hyg. Assos. J.</i> , 1996, 57, 1103-1108.

EXAMINER <i>Mr. CL</i>	DATE CONSIDERED <i>4/12/02</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant	

FORM PTO-1449  
(REV. 7-80)

(Title Amended 3/83)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

RD-27,768

SERIAL NO.

09/519,330

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT--

## LIST OF ITEMS

(Use several sheets if necessary)



Applicant

R. A. Potyrailo

Filing Date

03/06/00

Group

2856 1743

## PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MC	AA	4	8	1	8	3	4	8	04/04/89	Stetter		
	AB	4	8	8	8	2	9	5	12/19/89	Zaromb et al.		
	AC	5	1	9	1	7	8	6	03/09/93	Baughman et al.		
	AD	5	2	3	5	8	4	3	08/17/93	Langhorst		
	AE	5	6	4	6	3	3	6	07/08/97	Thompson et al.		
MC	AF	5	6	9	3	5	3	8	12/02/97	Capuano et al.		
	AG											
	AH											
	AI											
	AJ											
	AK											

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER		DATE	COUNTRY		CLASS	SUBCLASS	TRANSLATION	
									YES	No
	AL									
	AM									
	AN									
	AO									
	AP									

## OTHER INFORMATION (Including Author, Title, Date, Pertinent pages. Etc)

	AR	
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EXAMINER

MC

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